

Dkt. No: MATTM-P01
Appln. No.: 10/640,557
Reply to Office action of 10/18/2005

Amendments to the Claims

Delete the following from the Claims section located on page
7 thereof:

[[CLAIMS

5 What is claimed is:]]

The listing of claims below will replace prior versions, and
listing, of claims in the application:

Listing of Claims

1. (currently amended) A hand truck for transporting articles
10 comprising:

a frame having a plurality of wheels;

an electrically powered lift member attached to said frame,
said lift member having a first planar member oriented
horizontally and a second planar member oriented approximately
15 perpendicular to said first planar member;

said frame including a pair of side frame members; and

~~each of said side frame members having means for maintaining~~
~~said lift member in a level condition as said lift member moves up~~
~~and down~~

AMDT: Page 4 of 17

Dkt. No: MATTM-P01
Appln. No.: 10/640,557
Reply to Office action of 10/18/2005

a third planar member attached to said second planar member
having each end of said third planar member attached to said pair
of side frame members; and

level condition maintaining means for maintaining said lift
5 member in a level condition as it moves up and down comprising a
guide track on each of said side frame members and a roller
assembly attached to said third planar member in rolling
communication with said guide track on each side of said frame
members wherein said roller assembly comprises an upper roller and
10 a lower roller spaced apart from each other.

2-4. (canceled)

5. (currently amended) A hand truck according to claim 1, further
comprising:

15 a pair of electric motors for raising and lowering said lift
member;

a pair of rotatable screw members driven by said electric
motors; and

means on said lift member for engaging said rotatable screw
20 members.

6. (original) A hand truck according to claim 5, wherein:

AMDT: Page 5 of 17

Dkt. No: MATTM-P01
Appln. No.: 10/640,557
Reply to Office action of 10/18/2005

each of said screw members has a first sprocket gear attached to an upper end;

each of said electric motors has a second sprocket gear driven by a shaft extending from said motor; and

5 means for transmitting power from said electric motors to said screw members via said first and second sprockets.

7. (original) A hand truck according to claim 6, wherein said transmitting means comprises a chain with a plurality of links for engaging said sprockets.

10 8. (original) A hand truck according to claim 5, wherein said electric motors are supported by a support member extending between said side frame members.

9. (original) A hand truck according to claim 5, wherein each of said rotatable screw members is supported in a bearing structure
15 at its lower end.

10. (original) A hand truck according to claim 1, wherein said frame has a pair of lower structural members attached to said side frame members and said plurality of wheels are attached to said lower structural members.

AMDT: Page 6 of 17

Dkt. No: MATTM-P01
Appln. No.: 10/640,557
Reply to Office action of 10/18/2005

11. (original) A hand truck according to claim 10, wherein each lower structural member has a pair of wheels attached thereto.

12. (original) A hand truck according to claim 11, wherein each said pair of wheels comprises a smaller wheel attached to a front
5 end of said lower structural member and a larger wheel attached to a rear end of said lower structural member to provide improved stability.

13. (original) A hand truck according to claim 1, wherein said lift member has a plurality of spaced apart tines for engaging
10 articles to be transported.

14. (original) A hand truck according to claim 1, further comprising a handle attached to a rear portion of each of said side frame members.

15. (original) A hand truck according to claim 1, further
15 comprising a plurality of engaging members attached to an outer surface of each of said side frame members and a net for engaging said engaging members, said net enabling articles to be stacked on said lift member and preventing said articles from falling during transportation.

AMDT: Page 7 of 17

Dkt. No: MATTM-P01
Appln. No.: 10/640,557
Reply to Office action of 10/18/2005

16. (original) A hand truck according to claim 15, wherein said engaging members comprise a plurality of hooks.

17. (original) A hand truck according to claim 1, further comprising:

5 a reversible electric motor mounted to said frame;
 a cable spool connected to said electric motor; and
 a cable connected to said cable spool and to said lift member
to cause said lift member to move upwardly as said cable is wound
onto said cable spool and to move downwardly as said cable is
10 taken off said cable spool.

18. (currently amended) A hand truck according to claim ~~[[18]]~~17,
further comprising a gear reducer between said motor and said
cable spool for controlling the output of said motor.

19. (currently amended) A hand truck for transporting articles
15 comprising:

 a U-shaped frame having a pair of side frame members;
 a lift member for upwards and downwards movement relative to
said frame, said lift member having a first planar member oriented
horizontally and a second planar member oriented approximately
20 perpendicular to said first planar member;

AMDT: Page 8 of 17

Dkt. No: MATTM-P01
Appln. No.: 10/640,557
Reply to Office action of 10/18/2005

a third planar member attached to said second planar member
having each end of said third planar member attached to said pair
of side frame members;

a pair of rotatable screw members attached to said frame;

5 said lift member having engagement means for engaging said
rotatable screw members so as to move upwardly and downwardly as
said screw member rotates in a first direction and then in a
second direction, wherein said engagement means comprises an upper
internally threaded member on said third planar member for each of
10 said pair of rotatable screw members and a lower internally
threaded member on said third planar member for each of said pair
of rotatable screw members, said lower internally threaded member
spaced apart from said upper internally threaded member; and
15 at least one motor for rotating said screw members via
sprocket gears and a transmission member.

20. (currently amended) A hand truck according to claim 19,
further comprising said frame having ~~side frame members and means,~~
associated with said side frame members, for maintaining said lift
member horizontal as said lift member moves upwardly and
20 downwardly relative to said frame.

Dkt. No: MATTM-P01
Appln. No.: 10/640,557
Reply to Office action of 10/18/2005

21. (original) A hand truck according to claim 19, further comprises a pair of electrically driven motors for rotating said screw members.

22. (original) A hand truck according to claim 19, wherein said lift member has a plurality of tines for engaging articles to be transported.

23. (original) A hand truck according to claim 19, further comprising at least four wheels attached to said frame to facilitate movement of said hand truck.

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